Use Mie scattering look-up table and measured scattering to select solutions below error threshold

\[ \Delta b_{sca,RGB} < \Delta \sigma_{sca,RGB} \]

Select highly probable Mie solutions to reduce sample space

Perturb measured size distribution using variability and uncertainties

Use fitting region in measured size distribution to minimize residual for probable Mie solutions

Retrieve sea spray mode fitting parameters \( (N_t, D_g, \sigma_g) \) by averaging minimum residual fits